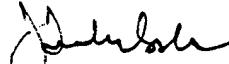


MATSUMOTO et al.  
Appln. No. 09/828,861  
Preliminary Amendment

REMARKS

Claims 37 and 38 have been amended to correct clerical errors. The public should be advised that the present Preliminary Amendment is not considered or intended to be a narrowing amendment surrendering any equivalents. Entry and consideration of this Amendment is respectfully requested.

Respectfully submitted,

  
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J. Frank Osha  
Registration No. 24,625

SUGHRUE, MION, ZINN,  
MACPEAK & SEAS, PLLC  
2100 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037-3213  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

Date: May 25, 2001

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**APPENDIX**  
**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**IN THE CLAIMS:**

**The claims are amended as follows:**

37. A ~~portable radio system~~ frequency error predicting method employing an automatic frequency control for detecting a frequency shift of an internal oscillator of portable radio equipment with reference to a received wave transmitted from a base station having higher precision of frequency and adjusting the frequency of said internal oscillator by feeding back said frequency shift to said internal oscillator, comprising of steps of:

calculating a phase difference of two symbols taken from a known data modulated by said base station on the basis of a timing generated by said internal oscillator;

calculating a frequency shift of said internal oscillator by dividing said phase difference derived by said calculating step by an interval of said two symbols; and

controlling for widening said interval when said phase difference derived by said phase difference calculating step is smaller than a predetermined set value and for narrowing said interval when said phase difference is greater than said set value.

38. A ~~portable radio system~~ frequency error predicting method as set forth in claim 37, wherein said two symbols are the same phase when a frequency of said internal oscillator is correct, and

said phase difference calculating step derives a phase difference of said two symbols by multiplying one of said two symbols by a complex conjugate of another symbol.